

DINAN E46 M3

2001 - 2006



Performance Without Sacrifice

"We drove this car along our favorite canyon road at speeds that approached race pace, and at no time did the car ever feel close to the ragged edge. Surprisingly, the ride comfort is, if anything much better than in the stock car... it swallowed surface imperfections with well mannered gulps."

Car and Driver



DINAN Signature Packages

Components available separately.

DINAN S-M3

355 Horsepower @ 7900 rpm
281 lb-ft Torque @ 4500 rpm

Includes: Stage 3 Engine Software; High Flow Intake/Air Mass Meter Housing; Free Flow Exhaust; Front Strut Tower Brace; Dinan Pedal Pads; Dinan Deck-lid Badge and Serial Numbered Dinan S Plaque.

DINAN S1-M3

361 Horsepower @ 7900 rpm
282 lb-ft Torque @ 5000 rpm

Includes: Stage 4 Engine Software; High Flow Intake/Air Mass Meter Housing; Free Flow Exhaust; High Flow Throttle Bodies; Front Strut Tower Brace; Rear Shock Tower Brace; Stage 1 Suspension; Dinan Pedal Pads; Dinan Deck-lid Badge and Serial Numbered Dinan S1-M3 Plaque.

DINAN S2-M3

369 Horsepower @ 7900 rpm
283 lb-ft Torque @ 5000 rpm

Includes: Stage 5 Engine Software; High Flow Intake/Air Mass Meter Housing; Free Flow Exhaust; High Flow Throttle Bodies; Cams; Front Strut Tower Brace; Rear Shock Tower Brace; Stage 2 Suspension; 3.91 Limited Slip Differential; Dinan Pedal Pads; Dinan Deck-lid Badge and Serial Numbered Dinan S2-M3 Plaque.

DINAN Supercharged S3-M3

423 Horsepower @ 7900 rpm
313 lb-ft Torque @ 5500 rpm

Includes: Dinan S3 Supercharger System; S3 Engine Software; Free Flow Exhaust; High Flow Throttle Bodies; Front Strut Tower Brace; Rear Shock Tower Brace; Stage 3 Suspension; 3.91 Limited Slip Differential; Dinan Pedal Pads; Dinan Deck-lid Badge and Serial Numbered Dinan S3-M3 Plaque.

DINAN Intercooled Supercharged S3R-M3

462 Horsepower @ 8000 rpm
328 lb-ft Torque @ 6000 rpm

Includes: Dinan S3R Intercooled Supercharger System; S3R Engine Software; Free Flow Exhaust; High Flow Throttle Bodies; Front Strut Tower Brace; Rear Shock Tower Brace; Stage 3 Suspension; 3.91 Limited Slip Differential; Dinan Pedal Pads; Dinan Deck-lid Badge and Serial Numbered Dinan S3R-M3 Plaque.

4 Year / 50,000 Mile Warranty

Contact a Dinan Representative or visit dinancars.com for information on the most extensive line of M3 products available, all backed by the only guarantee that matches the new car warranty coverage up to 4 years or 50,000 miles.

"Performance without the compromise to drivability or the refinement expected by a BMW owner. This is a Dinan Hallmark."

European Car



DINAN Engine Performance



Performance Engine Software **2 Badge Points** **+5 hp rpm** **+4 lb-ft Torque***

Dinan software download recalibrates the engine management system for snappier throttle response, optimum performance and drivability. Rev-limiter is increased by 150 rpm and the top-speed governor is removed. Various stages of software are available for specific combinations of Dinan engine products, ensuring the best possible performance. **When installed in combination with a K&N Free flow replacement air filter element.*

Free Flow Exhaust **3 Badge Points** **+7 hp @ 8000 rpm** **+5 lb-ft Torque @ 5000 rpm**

Reduced weight, 100% 304-stainless steel construction, a great sporty exhaust note and superior flow make for the best performing M3 muffler on the market. Four large black ceramic-coated tips give the car a purposeful high performance look unlike any other. Stage 2 Engine Software highly recommended.



High Flow Intake / Air Mass Meter Housing **3 Badge Points** **+18 hp @ 7500 rpm** **+13 lb-ft Torque @ 7500 rpm**

Dramatically improves the M3's ability to breathe for more power and improved throttle response. The Dinan intake combines a high flow-cold air intake with a larger Air Mass Meter Housing, ensuring optimum intake system efficiency for maximum power gains. Stage 3 Engine Software highly recommended.



High Flow Throttle Bodies **2 Badge Points** **+6 hp @ 7900 rpm** **+4 lb-ft Torque @ 7900 rpm**

The six throttle bodies have been carefully bored to a larger internal diameter for further improvement in air-flow, increasing power output and providing more immediate throttle response. Stage 4 Engine Software highly recommended. The combination of the Dinan exhaust, intake/air mass meter assembly and throttle bodies produces 361 HP @ 7900 rpm and 283 lb-ft torque @ 5000 rpm.



Performance Cams **2 Badge Points** **+8 hp @ 7900 rpm** **+1 lb-ft Torque @ 5000 rpm**

Performance cams increase valve lift and duration for improved power output, particularly at higher rpm. Stage 5 Engine Software highly recommended. The combination of the Dinan exhaust, intake/air mass meter assembly, throttle bodies and cams produces 369 HP @ 7900 rpm and 283 lb-ft torque @ 5000 rpm.

Supercharger System **10 Badge Points** **423 hp @ 7900 rpm** **313 lb-ft Torque @ 5500 rpm**

Unparalleled acceleration, everyday drivability and the reliability enthusiasts have come to expect of a Dinan supercharged BMW. Sophisticated forced induction system with fully matched engine management enables the M3 to reliably produce 423 horsepower and 313 lb-ft torque for breathtaking acceleration. Throttle Bodies and Free Flow Exhaust recommended.



Intercooled Supercharger System **10 Badge Points** **462 hp @ 8000 rpm** **328 lb-ft Torque @ 6000 rpm**

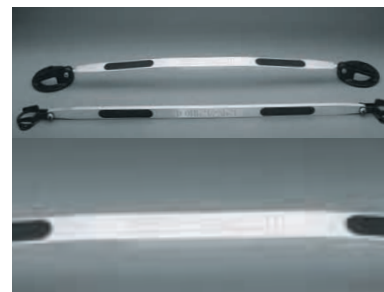
Incorporates a large air to air intercooler into the Dinan supercharger system, increasing power output to a phenomenal 462 hp. Package also includes a 100% larger replacement oil cooler, ensuring consistently strong and reliable performance.



DINAN Suspension & Chassis Performance

Front Strut & Rear Shock Tower Braces **2 Badge Points (f)** **1 Badge Point (r)**

Strong yet lightweight CNC machined aluminum front strut and rear shock tower braces effectively enhance chassis rigidity for improved handling and sharper steering response. Install with any Dinan suspension system or the stock components. The rear brace center section is easily removed when maximum trunk space is desired.



19" Lightweight Forged Wheels

5 Badge Points - set of four

Dinan wheels accommodate the largest tires possible: 275/30-19 in the rear and 265/30-19s up front, dramatically increasing overall grip as well as reducing under steer for razor sharp turn-in. At just 20 lbs each, they are the lightest 19" wheels to be found, improving handling, braking and even ride quality. The wheels will also accomodate 275/30-19 and 285/30-19 tires as an option, with possible minor modifications.



Suspension Systems

5 Badge Points

Dinan suspension systems offer phenomenal grip while maintaining a comfortable, well-dampened ride. Fully matched proprietary springs, shocks, antiroll bars and camber plates provide comprehensive, pre-tuned suspension solutions that take the guesswork out of superior handling without compromising the civility expected of a BMW. Three suspension systems are available, each offering increasing levels of high performance handling. A choice of Koni adjustable shocks/struts or Dinan proprietary mono-tube racing type shocks/struts is available with each suspension system.

Stage 1 Suspension: Performance Spring Set, Adjustable Struts/Shocks, Matching Bump Stops.
Stage 2 Suspension: Adds a 27mm adjustable front antiroll bar to Stage 1 spring and shock package.
Stage 3 Suspension: Adds front camber plates to the Stage 2 springs, shocks and antiroll bar.
(Choice of Koni or Dinan Shocks/Struts)

Mono-Ball Rear Trailing Arm Bushings

1 Badge Point

Precision machined mono-ball replacement bushings dramatically reduce the deflection inherent with the stock rubber units for more precise and predictable cornering. The extremely robust design features a significantly larger ball and housing than competing products, providing greater surface area for reduced wear, as well as a special Teflon coating for virtually noise free performance.



DINAN by Brembo Brakes

3 Badge Points

Dinan and Brembo offer ultimate stopping power while maintaining the quiet operation, pedal feel and wear indicator systems that are appropriate for street applications. The front brakes feature massive 6-piston mono-block calipers with 380mm slotted or drilled two-piece rotors. The rear brakes feature 4-piston aluminum calipers with 345mm slotted or drilled rotors. The systems also include Goodridge stainless steel brake lines. Kits are available for all four wheels or the front only.

DINAN Driveline Performance



3.91 Limited Slip Differential

2 Badge Points

Dinan shortens the stock 3.62 final drive gearing to a 3.91 ratio, taking full advantage of torque multiplication for a 7.5% increase in torque delivered to the road. The shorter ratio provides faster acceleration and increased torque in every gear with only a minor increase in rpm at cruise. Dinan proprietary gear sets are lapped and fully matched in order to produce the quietest differential available anywhere.

Short Shift Kit

1 Badge Point

Dinan's short-shift kit reduces the amount of throw necessary to make gear changes by 17%, providing a sportier feel and faster shifts. The shift knob is also lowered by ½ inch. The Dinan shifters retain the nylon pivot ball and shifter bushing, eliminating the howling and clanking noises associated with typical aftermarket short shifters, providing the same smooth and quiet operation as the original shifter. The shifter handle is also isolated in a rubber coating for a solid feel and vibration free operation.



DINAN Performance Accessories



DINAN Pedal Pads

Stylish spun aluminum pedal pads with anti-slip rubber inserts feature the Dinan logo. Manual or SMG.

1 Badge Point

Signature Floor Mats

Signature floor-mat sets featuring the embroidered Dinan logo are available for the M3 in your choice of carpet colors.



The DINAN Badge

The Dinan badge cannot be purchased but rather is provided at no charge when your Dinan performance selections total 10 points, making your Dinan enhanced BMW as exclusive as it is exciting to drive.



DINAN Badge Points

Engine Software	2 pts	Wheel Sets (4 ea.)	5 pts
Free Flow Exhaust	3 pts	Suspension Systems	5 pts
High Flow Intake	3 pts	Mono-Ball Bushings	1 pt
High Flow Throttle Bodies	2 pts	Dinan/Brembo Brakes	3 pts
Cams	2 pts	Differential	2 pts
Supercharger Systems	10 pts	Short Shift Kit	1 pt
Strut/Shock Tower Braces	2/1 pts	Dinan Pedal Pad Set	1 pt

DINAN Powered Win at the 2007 Miami Grand Prix!



First in BMW performance.

First across the finish line.



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